DATASHEET

Techly GaN charger 3x USB-C and 1x USB-A









General data

GaN wall charger with three USB-C™ and one USB-A ports for fast charging of up to four devices
Supports over-current, over-voltage, over-temperature and short-circuit protections
USB power supply compatible with smartphones, tablets, laptops, power banks and other mobile devices
GaN technology, based on gallium nitride, reduces power consumption and increases charging efficiency
Supports fast charging up to 30W on the USB type A port
Thanks to its compact size, it is convenient to store in your bag or backpack to take anywhere with you
Saves space by replacing four power supplies into one when charging devices
Charge smartphones, tablets and notebooks neatly, without any tangle of cables

Technical specifications
Input voltage: 110-240V AC
Input frequency: 50Hz-60Hz
Single USB-C™: 1 output 5V3A, 9V3A, 12V3A, 15V3A, 20.5V5A, 28V5A, (PD140W maximum)
Single USB-C™: 2 outputs 5V3A, 9V3A, 12V3A, 15V3A, 20.5V5A, 28V5A, (PD140W maximum)
Single USB-C™: 3 outputs 5V3A, 9V3A, 12V2.5A, 15V2A, 20V1.5A, (PD30W maximum)
Single USB-A: 5V/3A, 9V/3A, 12V/2.5A, (QC30W maximum)
Operating temperature: 0-25 °C
Relative humidity: 5% ~ 90%
Combined outputs
USB-C1+C2: 65W+65W

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USB-C1/C2+USB-A: 100W+30W (130W)
USB-C1/C2+C3: 100W+30W (130W)
USB-C1+C2+C3/USB-A: 65W+30W+30W (125W)
USB-C3+USB-A: 20W
USB-C1/C2+(USB-C3+USB-A): 100W+(20W) (120W)
USB-C1+C2+(C3+USB-A): 65W+30W+(20W) (115W)

Protections
Overcurrent
Overvoltage
Overtemperature
Short circuit

Dimensions
Width: 70 mm
Height: 35 mm
Depth: 121 mm

Box Contents
IPW-PD140W-WH USB wall charger
User Manual

Technical properties	
Cable included (Yes/No)	False
Colour	white
GaN technology (Yes/No)	True
Material	plastic
Operating temperature	0 – 25 °C
Overvoltage protection	True
USB ports (number & type)	3x USB-C™ + 1x USB-A
With on/off switch	False

Available variants

ArtNr.	Bezeichnung	Height	Length	Width	With discharging function
IPW-PD140W-WH	Techly GaN charger 3x USB-C and 1x USB-A	35 mm	121 mm	70 mm	False

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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